

CLAIMS (TI-34860)

What is claimed is:

1. A method of transmit power adjustment in a multitone communication system, comprising:

(a) for a power spectral density $P(i)$ expressed in terms of dBm/Hz where i indexes subchannels of a multitone system, for each subchannel k changing $P(k)$ to the minimum of $P(k)$ and $P_{\max} - \text{PCB}$ where P_{\max} is the maximum of the $P(i)$ and PCB is a power cutback level in terms of dB.

2. The method of claim 1, wherein:

(a) said PCB is selected from the range 0 dB to 40 dB.

3. The method of claim 1, wherein:

(a) said multitone system is an asymmetrical digital subscriber line system; and

(b) said PCB is selected as the larger of a power cutback selected by a central office transceiver and a power cutback selected by a customer transceiver.